

CLIMATOLOGICAL DATA FOR SEPTEMBER, 1913.

DISTRICT NO. 11, CALIFORNIA.

Local Forecaster G. H. WILLSON, District Editor.

GENERAL SUMMARY.

September, 1913, was a very warm and dry month with an abundance of sunshine and very little fog along the coast. The mean temperature for the State (70.7°) was, with two exceptions, the highest for any September since the records began in 1897. There was a period of very warm weather from the 15th to the 18th, when the maximum temperatures in the coast section from San Francisco Bay southward equaled and in some places exceeded all previous records of high temperature. At San Francisco, where the record covers a period of 40 years, the highest previous record (101°) was equaled, and at San Diego with the same length of record the maximum temperature (110°) on the 17th exceeded the former record by 9°. During this period the day temperatures ranged from 100° to 114° in the Great Valley, but these do not break the records for that section, although they equaled them at some places. In the mountains the temperatures were also very high, but records were not broken.

The month was an ideal one for harvesting and curing the fruit and raisin crop. In the fruit belt there was over 90 per cent of the possible sunshine during the month and the atmosphere was very dry, making the weather conditions most favorable.

The precipitation was mostly in the form of thunder-showers and was very light and generally confined to the higher levels and the extreme northwestern portion of the State. This was one of the driest Septembers on record. Many springs ceased to flow, and the rivers in all parts of the State approximated the lowest stages known. Water and power companies were taxed to their limits, and there was not sufficient water for irrigation purposes in most sections.

A noteworthy feature of the month was the numerous forest fires caused by lightning. Owing to the light precipitation during the past two years the forest floor had become very dry, so that in many instances where lightning struck it set fire to the parched underbrush and debris.

TEMPERATURE.

The mean temperature for the State was 2.2 degrees above the normal. The following table gives the means and departures for each September from 1897 to 1913, inclusive:

Year.	Mean.	Departure.	Year.	Mean.	Departure.
	° F.	° F.		° F.	° F.
1897.....	67.7	-0.8	1906.....	68.6	+0.1
1898.....	69.2	+0.7	1907.....	65.6	-2.9
1899.....	70.9	+2.4	1908.....	68.1	-0.4
1900.....	65.4	-3.1	1909.....	68.2	-0.3
1901.....	66.0	-2.5	1910.....	67.3	-1.2
1902.....	70.7	+2.2	1911.....	63.9	-4.6
1903.....	68.7	+0.2	1912.....	66.5	-2.0
1904.....	70.3	+1.8	1913.....	70.7	+2.2
1905.....	68.6	+0.1			

PRECIPITATION.

The following table gives the average precipitation and departure from the normal for each September from 1897 to 1913, inclusive:

Year.	Average.	Departure.	Year.	Average.	Departure.
	Inches.	Inches.		Inches.	Inches.
1897.....	0.03	-0.46	1906.....	0.25	-0.24
1898.....	0.64	+0.15	1907.....	0.13	-0.36
1899.....	0.03	-0.46	1908.....	0.49	0.00
1900.....	0.22	-0.27	1909.....	0.52	+0.03
1901.....	0.94	+0.45	1910.....	0.69	+0.20
1902.....	0.01	-0.48	1911.....	0.19	-0.30
1903.....	0.10	-0.39	1912.....	1.65	+1.16
1904.....	2.66	+2.17	1913.....	0.07	-0.42
1905.....	0.16	-0.33			

The greatest monthly amount was 1.37 inches at Weitchpec and the greatest 24-hourly amount was 1.17 inches at Descanso on the 12th. There was no rainfall at 133 stations.

The following table gives the hours of sunshine and the percentage of the possible:

Stations.	Hours.	Percentage of possible.	Stations.	Hours.	Percentage of possible.
Eureka.....	217	56	Sacramento.....	361	97
Fresno.....	353	95	San Diego.....	310	84
Los Angeles.....	305	82	San Francisco.....	318	85
Mount Tamalpais.....	348	93	San Jose.....	332	89
Red Bluff.....	326	87	San Luis Obispo.....	293	79

NOTES ON THE RIVERS OF THE SACRAMENTO AND LOWER SAN JOAQUIN WATERSHEDS DURING THE MONTH OF SEPTEMBER, 1913.

By N. R. TAYLOR, Local Forester.

*Sacramento watershed.*—The streams in this watershed remained at extreme low stages during the entire month. The Sacramento River from Red Bluff to Walnut Grove was the lowest of which there is an authentic record. At Colusa the river was 1.5 feet below the September normal stage and 0.3 of a foot below the lowest average on record. At Knights Landing it was -1.6 feet, which is 2.2 feet below the normal for the month and 0.7 of a foot below the lowest average stage in the history of the station. The river at Sacramento City averaged only 3.5 feet, which is 3.2 feet below the normal and the lowest since the low-water season of 1856. An extreme low-water stage of 2.6 feet was recorded at Sacramento on September 23, which is the lowest authentic record in the history of the station.

Sacramento was well within the tidal limits during the entire month and occasionally noticeable tides were observed for 10 miles above the city.

TABLE 1.—Climatological data for September, 1913. District No. 11, California.

Table with columns: Stations, Counties, Elevation, Length of record, Temperature (Mean, Departure from normal, Highest, Date, Lowest, Date, Greatest daily range), Precipitation (Total, Departure from normal, Greatest in 24 hours, Total snowfall, Number of rainy days, Number of clear days, Number of partly cloudy days, Number of cloudy days), Sky, Prevailing wind direction, Observers.

TABLE 1.—Climatological data for September, 1913. District No. 11—Continued.

Table with columns: Stations, Counties, Elevation, Length of record, Temperature (Mean, Departure from normal, Highest, Date, Lowest, Date, Greatest daily range), Precipitation (Total, Departure from normal, Greatest in 24 hours, Total snowfall, unmelting), Number of rainy days, Number of clear days, Number of partly cloudy days, Number of overcast days, Prevailing wind direction, Observers.

TABLE 1.—Climatological data for September, 1913. District No. 11—Continued.

Stations.	Counties.	Elevation, feet.	Length of record, years.	Temperature, in degrees Fahrenheit.					Precipitation, in inches.				Sky.			Prevailing wind direction.	Observers.	
				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall, unmelted.	Number of rainy days, 0.01 inch or more.			Number of clear days.
<i>California—Continued.</i>																		
Santa Rosa	Sonoma	181	24															Southern Pacific Co.
Selma **	Fresno	311	27	83.6	+ 8.5	103	18†	65	2		0.00	- 0.28	0.00	0	0	30	0	Do.
Seven Oaks	San Bernardino	5,000	3	62.4		89	17	33	24	43	0.40		0.40	0	0	5	3	M. Lewis.
Sierra Madre	Los Angeles	1,400	16	75.0	+ 4.5	105	17	54	3†	35	0.20	- 0.21	0.20	0	1	28	2	Mrs. A. E. Gregory.
Sierraville	Sierra	5,000	3	58.5		93	17	33	24	54	0.00		0.00	0	0	24	5	C. D. Johnson.
Sisson	Siskiyou	3,555	24	58.4	0.0	92	16	31	22	42	0.17	- 0.73	0.17	0	1	26	1	Southern Pacific Co.
Soledad **	Monterey	188	39	76.2	+ 11.3	103	17	55	25		0.00	- 0.12	0.00	0	0	30	0	Do.
Sonora	Tuolumne	1,825	2	70.1		97	17	46	30	39	T.	- 0.65	T.	0	0	28	1	Chas. P. Jones.
Southeast Farallon	San Francisco	30	10															U. S. Weather Bureau.
Springville	Tulare	4,000	6	67.9 <sup>a</sup>		95 <sup>a</sup>	18	40 <sup>a</sup>	29†	36 <sup>a</sup>	0.00		0.00	0	0	29	0	D. L. Wishon.
Squirrel Inn	San Bernardino	5,280	3	63.7		85	12	41	24	26	T.		T.	0	0	23	2	A. D. Frantz.
Stanwood	Butte	2,140	9	67.2		97	18	46	26†	39	0.02		0.01	0	2	24	3	Cal. Gas & Electric Co.
Stirling City	do.	3,525	9															Butte Co. R. R. Co.
Stockton (S. H.)	San Joaquin	23	42	72.3	+ 3.3	101	17	51	29	35	T.	- 0.21	T.	0	0	29	1	State Hospital.
Storey	Madera	296	13															Santa Fe Co.
Sulmon **	Solano	20	33															Southern Pacific Co.
Sulphur Banks	Lake	1,350	1	70.1		101	16	37	29	51	0.00		0.00	0	0	28	0	L. S. Lorenzen.
Summit	Placer	7,017	40	59.4	+ 5.7	79	17	33	24†	31	0.40	+ 0.01	0.40	0	1	23	8	Southern Pacific Co.
Susanville	Lassen	4,175	24	62.6 <sup>a</sup>	+ 2.6	95 <sup>d</sup>	18	28 <sup>c</sup>	24	45†	0.03	- 0.60	0.02	0	2	23	6	C. M. Penry.
Tamarack	Alpine	8,000	7	51.1		80	8†	22	30	50	0.00	- 0.97	0.00	0	0	20	10	Cal. Gas & Electric Co.
Tehachapi **	Kern	3,964	26	70.7	+ 4.6	91	19	42	28		0.00	- 0.15	0.00	0	0	30	0	Southern Pacific Co.
Tehama	Tehama	220	42	77.2	+ 2.9	102	18	58	28		0.00	- 0.36	0.00	0	0	29	0	Do.
Teton Rancho	Kern	1,500	10															S. E. Bailey.
Three Rivers	Tulare	870	3	74.2		105	18	45	29†	44	T.		T.	0	0	28	2	J. H. Pierce.
Towle	Placer	3,704	27	67.2	+ 3.9	90	1	38	29	25	0.15	- 1.38	0.15	0	1	27	3	Southern Pacific Co.
Tracy **	San Joaquin	64	33	78.0	+ 6.0	102	16†	58	13		0.00	- 0.21	0.00	0	0			Do.
Ukiah	Mendocino	620	20	69.0	+ 3.4	106	16	37	23†	53	T.	- 0.57	T.	0	0	21	7	Dr. George McCowen.
Upper Lake	Lake	1,350	28	69.4	+ 2.5	105	18	36	29	52	0.00	- 0.46	0.00	0	0	25	2	C. M. Hammond.
Vacaville	Solano	175	25															G. O. Coburn.
Valley Springs **	Calaveras	673	24	75.9	+ 3.8	106	17	60	28†		0.00	- 0.48	0.00	0	0	28	2	Southern Pacific Co.
Visalia	Tulare	334	25	69.2	- 2.5	109	18	35	23	59	0.00	- 0.42	0.00	0	0	29	0	Santa Fe Co.
Warner Springs	San Diego	3,165	5	71.3		98	18	42	24	42	0.05		0.03	0	2	27	2	Mrs. F. S. Sandford.
Wasco	Kern	336	13	80.0	+ 7.4	112	18	50	30	60	0.00	- 0.33	0.00	0	0	30	0	Santa Fe Co.
Watsonville	Santa Cruz	23	17	63.6	+ 3.1	105	16	36	29	62	0.05	- 0.32	0.05	0	1	16	11	Spreckels Sugar Co.
Weaverville	Trinity	2,162	1	63.4		99	16	30	29†	55	0.14	- 0.36	0.14	0	1	23	3	U. S. Forest Service.
Weitchpec	Humboldt	1,700	3	64.7		94	15†	37	29	38	1.37		0.80	0	6	24	2	M. E. Lathrop.
Westley **	Stanislaus	90	24	80.7	+ 6.7	106	17	59	4		0.00	- 0.22	0.00	0	0	30	0	Southern Pacific Co.
Wheatland	Yuba	84	26	73.4	+ 3.5	103	16	49	25†	41	T.	- 0.51	T.	0	0	23	6	Wm. Lumbard.
Willows	Glenn	136	34	76.7	+ 1.1	108	16†	47	28	45	0.00	- 0.31	0.00	0	0	28	2	E. C. Mills.
Yorba Linda	Orange																	S. J. Walker.
Yosemite	Mariposa	3,945	9	66.1		103	18	31	25†	60	0.09		0.08	0	2	28	2	J. P. Kelly.

<sup>a</sup>, <sup>b</sup>, <sup>c</sup>, etc., indicate respectively 1, 2, 3, etc., days missing from the record.  
 \*\* Temperature extremes are from observed readings of the dry bulb; means are computed from observed readings.  
 † Also on other dates.  
 T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—Daily precipitation for September, 1913. District No. 11, California.

Stations.	Watershed.	Day of month.																														Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	
<i>Oregon.</i>																																
Chiloquin	Klamath			.03	.01	T.																.01								.19	.02	0.26
Klamath Falls	do																					.02								.07	.05	0.14
Lakeview	Pitt.																					.10									.07	0.17
Merrill	Interior drainage.																					.13								.13		0.26
Vistillas	Pitt.																					.04									.16	0.20
Yonna	Interior drainage.																					.12								.08		0.20
<i>California.</i>																																
Aguanga	Coast													.83																		0.82
Alturas	Sacramento							.06														.10								.06		0.22
Angels Camp	San Joaquin																															0.00
Angiola	do																					T.										0.00
Antelope Valley	do																					T.										T.
Antioch	do																															0.00
Aptos	Coast																															0.00
Arrowhead Springs	do																									.13						0.13
Auburn	Sacramento																															0.00
Avalon	Ocean																															0.00
Azusa	Coast																															0.00
Bagdad	Desert																															0.00
Bakersfield	San Joaquin																					T.										T.
Barstow	Desert												.13																			0.13
Bear River	San Joaquin																															0.00
Bear Valley	do																															0.00
Bear Valley Dam	do																															0.00
Beaumont	do																															0.00
Beaumont (near)	do																															0.22
Belotia	do																															0.00
Ben Lomund	Coast																															0.00
Berkeley	do																															0.00
Betteravia	do																															0.00
Biggs	Sacramento																															0.00
Bishop	Owens																															0.00
Bishop Creek	do																															0.00
Blocksburg	Coast		T.	T.																												0.11
Blue Canon	Sacramento																													.11		0.43
Blythe	Desert																														.43	0.00
Boulder Creek	Coast																															0.00
Bowmans Dam	Sacramento																															0.06
Branscomb	Coast																														.06	0.05
Brawley	Desert																														.05	0.00
Burney	Sacramento																															0.00
Butte Valley	do																															0.00
Cahuilla	Coast												.83																			0.83
Calxico	Desert													.25																		0.25
Caliente	San Joaquin																															0.00
Calistoga	Coast																															0.00
Campbell	do																															0.00
Campo	do																															0.00
Camptonville (near)	Sacramento																													.06		0.40
Cedarville	Mountain Lakes																													.44	.08	0.52
Chester	Sacramento																													.06		0.09
Chico	do																													.08		6.00
Chico (near)	do																															0.00
China Flat	Coast		.26	T.																										T.		0.28
Chino	do																															0.00
Cisco	Sacramento																													.50		0.50
Claremont	Coast		.04																													0.04
Cloverdale	do		T.	T.																												T.
Coalinga	San Joaquin																															0.08
Colfax	Sacramento																													.08		0.08
Colgate	do																															0.10
Colusa	do																															0.09
Corning	do																															0.09
Corona	Coast																															0.02
Cuyamaca	do													.02																		0.02
Davisville	Sacramento																															0.00
Deer Creek	do																															0.34
Del Monte	Coast																													.34		0.34
Delta	Sacramento																															0.00
Denair	San Joaquin																															0.00
De Sable	Sacramento																															0.00
Descanso	Coast											1.17	.10																		T.	1.27
Devils Canon	do																															0.09
Dinuba	San Joaquin																															0.09
Dobbins (near)	Sacramento																													.10		0.10
Downsville	do																															0.12



TABLE 2.—Daily precipitation for September, 1913. District No. 11—Continued.

Stations.	Watershed.	Day of month.																													Total.			
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29		30		
<b>California—Contd.</b>																																		
Napa (S. H.)	Coast																																0.00	
Needles	Desert												.18																			0.18		
Nellis	Coast											.15																				0.15		
Nevada City	Sacramento																					T.								.07		0.07		
Nevis	do																					.01								.03		0.04		
Newhall	Coast																															0.00		
Newman	San Joaquin																															0.00		
North Bloomfield	Sacramento																															0.00		
North Fork	San Joaquin												T.																			T.		
North Lakeport	Coast																															0.00		
Oakdale	San Joaquin																						T.									T.		
Oak Grove	Coast																																0.00	
Oakland	do																															0.00		
Oakville	do												T.																			0.00		
Oceanside	do													T.											T.							T.		
Ojai Valley	do	T.																					.02									0.02		
Oriand	Sacramento																					T.										T.		
Orians	Klamath																																0.00	
Oroville (near)	Sacramento																																0.00	
Ozena	Coast																																T.	
Palermo	Sacramento																																T.	
Palm Springs	Desert												.10																				T.	
Parkfield	Coast																						.12										0.12	
Pasadena	do	.09	.05																														0.14	
Paso Robles	do																						.70										0.70	
Peschland	do		.01																														0.01	
Petaluma	do			T.																													T.	
Phoenix Dam	San Joaquin																																0.00	
Pilot Creek	Sacramento																						T.										T.	
Pinchot	Coast																																	
Pine Crest	do	.10	.13																														0.23	
Placerville	Sacramento																																0.00	
Point Lobos	Coast																																	
Point Loma	Coast				T.	T.				T.							T.	.01												.01	.01		0.03	
Point Reyes	do	.01		.07																											.01		0.09	
Pomona	do																																0.00	
Porterville	San Joaquin																																0.00	
Priest Valley	Coast																																0.00	
Quincy	Sacramento																																0.00	
Red Bluff	do																																0.00	
Redding	do																																0.00	
Redlands	Coast																																0.00	
Reedley	San Joaquin																																0.00	
Repressa	Sacramento																																0.00	
Rialto (near)	Coast																																0.00	
Rio Vista	Sacramento																																	T.
Riverside	Coast																																T.	
Rocklin	Sacramento																																0.00	
Rohnerville	Coast		T.		T.																										.25	0.25		
Ruth	do			.02																											.03	0.05		
Sacramento	Sacramento																																0.00	
Saint Helena	Coast																																0.00	
Salinas	do																																0.00	
San Bernardino	do		.02																														0.02	
San Diego	do																																0.00	
San Francisco	do																																0.00	
San Jacinto	do																																0.00	
San Jose	do																						T.										T.	
San Luis Obispo	do		.02																				.05										0.07	
San Mateo	do																																T.	
San Miguel	do																						.05										0.05	
San Miguel Island	Ocean																																0.00	
Sanger	San Joaquin																																0.00	
Santa Ana River	Coast																																0.00	
Santa Barbara	do	.15												.02																			0.17	
Santa Clara	do																																T.	
Santa Cruz	do																																0.00	
Santa Margarita	do																						.10										0.10	
Santa Monica	do																																0.00	
Santa Rosa	do																																0.00	
Sausalito	do																																0.00	
Selma	San Joaquin																																0.00	
Seven Oaks	Coast												T.	.40																			0.40	
Shively	do																																0.09	
Sierra Madre	do	.20																															0.20	
Sierraville	Mountain Lakes																																0.00	
Sisquoc Ranch	Coast																																0.17	
Sisson	Sacramento																																0.00	
Soledad	Coast																																	

TABLE 2.—Daily precipitation for September, 1913. District No. 11—Continued.

Stations.	Watershed.	Day of month.																													Total.
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	
<i>California—Contd.</i>																															
Tracy.....	San Joaquin.....																														
Tulare.....	do.....																														
Tustin (near).....	Coast.....																														
Ukiah.....	do.....																					T.									
Upper Lake.....	Sacramento.....																														
Upper Mattole.....	Coast.....			.21	.21																										
Vacaville.....	Sacramento.....																														
Valley Springs.....	San Joaquin.....																														
Visalia.....	do.....																														
Warner Springs.....	Coast.....												.02	.03																	
Wasco.....	San Joaquin.....																														
Watsonville.....	Coast.....																														
Weaverville.....	do.....				.14																	.05									
Weitchpec.....	Klamath.....		.32	.80	.07	.03																T.	.02								
West Branch.....	Sacramento.....																														
Westley.....	San Joaquin.....																														
West Point.....	do.....																														
West Saticoy.....	Coast.....																														
Wheatland.....	Sacramento.....																														
Willows.....	do.....																														
Yorba Linda.....	Coast.....																														
Yosemite.....	San Joaquin.....												.01	.08																	

\* Precipitation included in that of the next measurement.  
 † Separate dates of falls not recorded.  
 ‡ Precipitation for the 24 hours ending on the morning when it is measured.  
 T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 3.—Maximum and minimum temperatures at selected stations for September, 1913. District No. 11, California.

Date.	California.																												
	Lakeview, Oreg.		Alturas		Barstow.		Branscomb.		Brawley.		Colusa.		Eureka.		Fresno.		Independence.		Los Angeles.		Mount Tamalpais.		Nevada City.		Porterville.		Red Bluff.		
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.
1.....	76	46	80	57	90	70	64	44	97	72	91	55	58	48	90	65	82	58	74	63	49	46	79	59	94	64	84	60	
2.....	72	42	78	44	85	66	60	44	98	62	90	59	66	46	83	58	82	61	73	60	54	45	69	45	98	59	75	56	
3.....	68	47	75	50	94	65	68	41	99	67	81	57	71	60	85	57	84	51	79	58	65	48	81	45	97	54	77	61	
4.....	76	48	80	40	96	64	75	42	103	65	88	60	73	59	90	60	87	53	82	61	71	51	84	42	93	59	88	58	
5.....	76	40	84	40	100	65	78	45	105	65	90	62	61	53	92	60	87	55	82	60	74	58	88	41	95	59	92	66	
6.....	82	40	90	40	101	64	78	45	102	71	92	62	60	51	96	61	88	56	79	62	82	63	91	45	100	62	97	65	
7.....	87	47	91	41	100	65	80	41	100	75	94	59	69	52	98	64	87	55	79	62	78	65	92	48	109	64	96	65	
8.....	78	49	82	40	100	63	84	46	105	74	88	57	66	51	94	60	87	55	75	59	72	55	85	47	101	60	87	66	
9.....	70	34	78	38	98	65	88	49	105	71	86	53	69	46	95	58	85	50	84	60	73	56	88	43	99	57	90	65	
10.....	79	40	87	33	100	62	91	52	106	76	91	55	60	48	97	61	86	52	91	63	83	67	92	43	96	57	97	67	
11.....	85	48	91	37	104	66	92	53	110	79	96	56	73	51	102	64	88	54	91	68	85	71	98	48	101	58	100	63	
12.....	86	47	90	43	103	68	92	48	105	76	95	60	65	52	100	66	90	57	94	67	77	65	97	52	109	68	101	66	
13.....	79	45	84	41	92	70	92	49	101	78	85	56	60	53	95	66	84	62	98	62	78	62	91	48	105	65	93	62	
14.....	74	40	83	36	94	62	96	54	100	74	95	53	79	51	94	59	85	54	84	62	79	66	94	52	100	58	95	63	
15.....	77	38	86	36	100	63	88	55	105	71	99	67	65	48	100	64	89	58	86	62	91	76	95	48	101	61	100	77	
16.....	83	43	93	46	100	68	97	55	106	69	101	79	73	52	103	65	90	60	99	64	95	78	99	55	107	68	105	81	
17.....	88	46	95	43	101	61	98	55	108	72	99	70	55	49	105	69	90	60	108	80	94	83	101	52	109	68	104	72	
18.....	82	42	88	43	103	60	98	55	104	69	97	66	56	49	107	69	90	56	90	69	93	73	98	54	112	75	104	69	
19.....	83	46	92	36	104	62	95	49	-----	-----	96	62	67	47	102	68	94	59	81	65	73	64	98	51	105	72	102	71	
20.....	87	44	91	39	105	64	94	45	-----	-----	91	64	59	50	87	66	90	59	82	64	75	56	90	49	92	70	86	62	
21.....	75	53	80	55	100	66	91	48	107	75	86	62	63	52	90	63	91	60	85	62	69	54	86	54	96	65	90	68	
22.....	58	25	68	34	98	63	90	48	104	74	83	63	58	49	88	61	83	58	78	60	77	62	86	46	92	61	80	64	
23.....	58	29	63	32	85	60	88	48	105	74	80	62	72	42	84	54	65	46	73	64	73	58	76	45	86	54	80	61	
24.....	64	25	73	23	83	57	85	46	90	70	82	56	69	50	86	58	69	41	79	63	66	53	81	41	90	54	84	57	
25.....	71	30	79	25	85	55	86	47	88	62	83	49	52	45	86	56	73	46	79	58	71	59	84	37	92	52	87	53	
26.....	74	33	80	27	85	57	80	45	88	51	51	-----	60	44	88	58	74	41	87	63	76	63	85	37	93	54	84	54	
27.....	74	35	79	31	86	58	75	43	91	52	83	50	65	48	90	58	75	39	91	61	76	52	84	39	94	55	85	53	
28.....	69	37	74	32	94	61	65	40	93	53	53	-----	61	54	88	55	80	42	87	63	62	49	80	38	98	54	79	53	
29.....	55	32	61	36	88	68	80	37	98	54	-----	-----	58	48	78	52	76	48	77	58	64	49	78	37	82	62	76	55	
30.....	64	28	71	30	85	60	88	39	88	56	56	-----	60	44	82	48	74	46	80	60	76	57	85	36	89	52	87	63	
Mns..	75.0	40.0	81.5	38.3	95.6	63.3	84.9	47.1	100.4 <sup>b</sup>	68.1 <sup>b</sup>	90.1 <sup>d</sup>	59.8 <sup>d</sup>	62.8	49.7	92.5	60.8	83.5	53.1	84.2	62.9	75.0	60.1	87.8	45.9	97.3	60.7	90.2	63.2	

Date.	California.																											
	Redlands.		Sacramento.		San Diego.		San Francisco.		San Jose.		San Luis Obispo.		Santa Barbara.		Santa Rosa.		Sisson.		Stockton.		Summit.		Susanville.		Yosemite.			
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1.....	80	62	75	56	72	66	63	55	74	53	63	57	66	62	-----	-----	71	53	70	56	68	53	84	-----	-----	93	48	
2.....	81	60	70	55	72	65	66	56	72	54	66	54	69	59	-----	-----	58	47	76	55	65	40	71	50	-----	93	46	
3.....	87	51	80	57	71	63	69	58	76	50	75	52	72	52	-----	-----	63	46	78	55	63	47	80	49	-----	82	45	
4.....	95	55	89	58	74	61	70	59	78	59	85	57	80	52	-----	-----	73	47	84	55	66	39	83	47	-----	89	48	
5.....	91	57	89	58	71	64	64	57	76	55	83	54	76	56	-----	-----	74	48	85	58	71	40	92	47	-----	91	42	
6.....	91	56	92	58	70	63	75	55	88	48	76	50	70	56	-----	-----	76	44	90	56	76	47	93	49	-----	94	43	
7.....	88	56	92	60	73	64	60	52	81	54	69	51	70	57	-----	-----	82	43	85	56	72	47	90	52	-----	95	40	
8.....	91	55	88	54	71	63	62	52	76	54	70	51	67	55	-----	-----	75	43	85	55	72	47	84	52	-----	92	41	
9.....	94	57	88	53	75	64	70	53	83	48	80	47	78	49	-----	-----	68	37	86	55	69	40	-----	-----	40	92	40	
10.....	98	59	94	59	78	64	82	59	93	52	84	45	83	48	-----	-----	78	41	92	60	71	46	87	-----	-----	98	37	
11.....	98	51	98	61	87	66	74	53	98	53	84	47	82	50	-----	-----	86	47	94	63	71	46	92	44	-----	92	40	
12.....	100	59	87	59	86	69	62	53	76	52	77	48	89	54	-----	-----	85	45	82	62	75	48	94	53	-----	100	42	
13.....	95	69	82	53	85	68	59	52	73	62	76	50	84	59	-----	-----	79	49	86	56	75	50	-----	50	-----	95	39	
14.....	97	68	94	54	74	64	74	54	83	48	71	50	78	49	-----	-----	83	49	88	58	71	40	88	-----	-----	97	40	
15.....	102	61	98	60	73	59	94	59	97	50	98	48	86	52	-----	-----	88	50	95	60	73	46	-----	46	-----	97	40	
16.....	105	69	103	69	78	64	101	68	103	60	104	60	103	67	-----	-----	92	55	100	65	76	58	90	-----	-----	99	42	
17.....	105	68	104	70	110	71	84	62	102	63	109	63	108	63	-----	-----	82	43	101	66	79	48	-----	49	-----	102	42	
18.....	97	71	99	70	82	70	92	62	100	59	100	63	85	65	-----	-----	89	48	98	67	77	49	95	-----	-----	103	46	
19.....	91	59	99	63	75	67	77	56	92	59	82	61	79	63	-----	-----	86	53	96	65	78	48	89	49	-----	101	45	
20.....	93	57	79	62	75	67	71	56	79	58	77	57	73	60	-----	-----	80	40	81	62	77	47	92	49	-----	101	45	
21.....	93	62	87	59	75	67	69	56	79	59	73	56	76	56	-----	-----	81	41	84	62	66	53	82	55	-----	90	46	
22.....	80	54	83	61	72	65	79	58	85	52	79	52	70	56	-----	-----	81	31	86	58	63	42	72	34	-----	90	44	
23.....	78	60	83	62	73	64	80	55	83	54	76	53	70	58	-----	-----	65	36	86	60	61	34	66	35	-----	89	38	
24.....	82	50	82	54	75	63	68	55	76	49	76	56	75	59	-----	-----	72	33	87									